



*Together, We Are
Funding Radiology's Future®*

2025

GRANTS & AWARDS



We are deeply grateful for your continued partnership. Together, we are building a stronger future for radiology.

On behalf of the RSNA R&E Foundation, I want to extend our deepest gratitude for your steadfast generosity and belief in the transformative power of radiologic research and education. Your support is the catalyst that turns bold ideas into reality and allows us to nurture the next generation of leaders in our specialty.

This year, thanks to donors like you, we are thrilled to announce that the R&E Foundation Board of Trustees has approved 81 grants across 55 institutions, distributing \$4.7+ million to fuel innovation and discovery. These awards represent more than numbers—they are investments in people, in projects, and in the promise of better patient care. Your generosity has helped us reach the milestone of over \$88 million in funded research and education since our founding.

Starting with the 2026 grant cycle, the Board of Trustees will introduce approved priority focus area topics—strategically selected to address emerging trends, underfunded research, significant gaps in clinical practice, and opportunities for innovation in imaging sciences—while continuing to welcome investigator-initiated projects across all topics in radiology that help advance the field.

We invite you to continue this journey with us. Now, more than ever, your partnership is vital to sustaining excellence, advancing knowledge and inspiring hope. Together, we can ensure that the field of radiology remains dynamic, inclusive and dedicated to improving lives.

Thank you for your continued support and belief in what we can achieve together.

With heartfelt appreciation,



Pamela Woodard, MD
Chair, Board of Trustees
RSNA R&E Foundation



Read full grant abstracts and see how RSNA grant recipients are making a difference at [RSNA.org/Grant_Search](https://www.rsna.org/Grant_Search).



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GRANT & AWARD DESCRIPTIONS

Research Scholar Grant

The Foundation's premier career development grant is designed to transition junior faculty to independent investigators. Funding protects research time to conduct complex projects under the guidance of a mentor and scientific advisor.

Research Seed Grant

Every great discovery starts with a spark. This grant provides seed money to test hypotheses and conduct pilot studies to prepare major grant applications to corporations, foundations and government agencies.

Research Resident/Fellow Grant

These grants provide early career investigators with a chance to explore powerful ideas, gain insight into specific investigations and practice research methods and techniques.

Research Medical Student Grant

Exposure to radiology in medical schools ignites a passion and encourages students to consider academic radiology as an option for their future. A summer project can turn into a career-long pursuit of research and discovery.

Derek Harwood-Nash International Education Scholar Grant

This grant funds investigators looking to affect radiology education around the world. All projects are eligible for funding as long as they are on an international scale.

RSNA/AAR/APDR/SCARD Radiology Education Research Development Grant

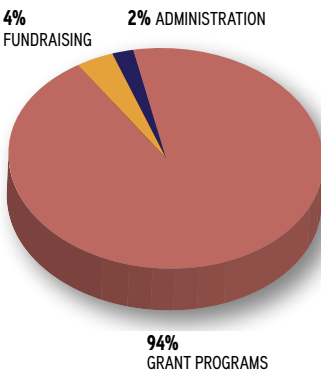
This grant helps to build a critical mass of radiology education researchers and promotes the careers of those with passion to advance the science of radiology around the world.

Emerging Issues Grant

The Foundation is invested in ensuring that the current and next generation of radiologists are able to meet the needs of the continuously evolving profession and help achieve equitable care for all. The Emerging Issues grant was developed to rapidly and effectively address urgent issues that threaten the radiologic sciences and health and well-being of patients served.

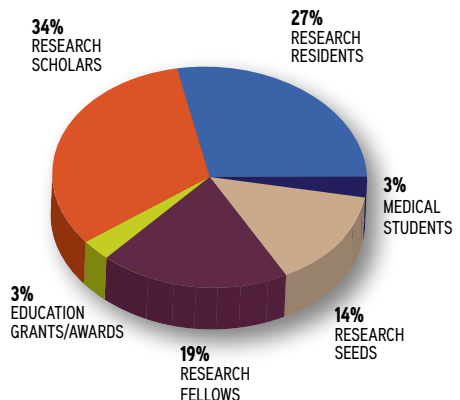
WHERE DO YOUR DONATIONS GO?

Low overhead directs more of your donations toward grant funding



HOW ARE GRANT DOLLARS DISTRIBUTED?

Percent of grant dollars awarded by grant type in 2024



RECOGNITION & THANKS

Through the generosity of our donors, the RSNA R&E Foundation is able to continue its investment in R&D for radiology.

The Foundation acknowledges the distinguished individuals who have established endowments and awards in their names or in the names of those honored.

Derek Harwood-Nash, MD

Joan Eliasoph Charitable Remainder Annuity Trust

Martin R. Prince, MD, PhD

Ralph Schlaeger Charitable Foundation

RSNA Presidents Circle

The Foundation is grateful for the major contributions from corporate donors through the Vanguard Program and practice group donors through the Visionaries in Practice (VIP) Program used to fund named grant awards.



RESEARCH SCHOLAR GRANT

"I'm honored to receive the RSNA Research Scholar Grant, which empowers my work as a physician-scientist in Interventional Radiology. With this support, we're advancing image-guided gene therapies to target the root causes of chronic venous disease, improving long-term outcomes for millions. This grant provides the critical foundation to validate our approach in preclinical models and move closer to clinical translation. Thank you for investing in the future of interventional radiology, bridging innovative research with direct patient care."

— **Ningcheng Peter Li, MD**





Dooman Arefan, PhD

University of Pittsburgh

Investigate Novel Imaging Biomarkers From Breast DCE-MRI for Predicting Long-Term Risk of Breast Cancer Recurrence

RSNA Research Scholar Grant



David Ballard, MD

Mallinckrodt Institute of Radiology

Feasibility of ^{18}F -Fdg PET-MR to Assess Perianal Fistula Inflammation in Symptomatic Perianal Crohn's Disease

*Bracco Diagnostics Inc./
RSNA Research Scholar Grant*



Kathleen M. Capaccione, MD, PhD

Columbia University Irving Medical Center

Mechanisms of Response to FAP Radiotherapy with Immunotherapy in NSCLC

RSNA Research Scholar Grant



Florence Chiang, MD, PhD

University of Texas Southwestern Medical Center

Toward Characterization of Network-Based Neurodegeneration and Neuroinflammation in Multiple Sclerosis Using PET/MRI

RSNA Research Scholar Grant



Maggie Chung, MD

University of California, San Francisco

Deep-Learning Based Simulated Contrast
Breast MRI for Supplemental Breast
Cancer Screening

RSNA Research Scholar Grant



Pippa Cosper, MD, PhD

University of Wisconsin - Madison

Chromosomal Instability as a Biomarker
of Radiation Response in HPV+ Head
and Neck Cancers

RSNA Research Scholar Grant



Andrew C. Gordon, MD, PhD

Northwestern University

Defining an Ablative Dose for Y90 TARE with
Advanced Dosimetry and Functional MRI

RSNA Research Scholar Grant

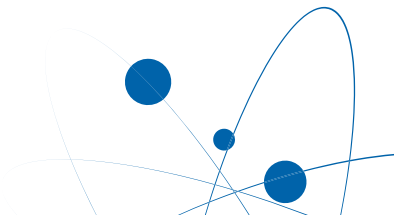


Avanti Gulhane, MD

University of Washington

Enhancing Cardiac MR Imaging of Sarcoidosis via
Radiomics Texture Analysis To Reduce Patient Burden
and Improve Efficiency

Joan Eliasoph, MD/RSNA Research Scholar Grant





Sumit Gupta, MBBS, PhD

Brigham & Womens Hospital

Utilizing Spectral and Ultra High-Resolution Data from Non-Contrast Photon Counting Computed Tomography for Enhanced Cardiopulmonary Tissue Characterization in Transthyretin Amyloid Cardiomyopathy

RSNA Research Scholar Grant



Christopher Hensley, MD, PhD

The University of Alabama at Birmingham

Optimizing Glutamine PET Tracer Development to Guide Glutamine Inhibitor Use in Breast Cancer

RSNA Research Scholar Grant



Doris Leithner, MD

NYU Grossman School of Medicine

Multinuclear MRI for Treatment Monitoring in Patients With HER2 Positive Breast Cancer

RSNA Research Scholar Grant



Ningcheng Peter Li, MD

University of Massachusetts

Gene Therapy for Chronic Venous Disease: Optimizing Delivery and Therapeutic Impact in a Large Animal Model

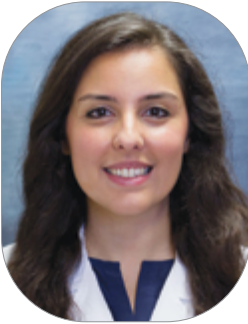
RSNA Research Scholar Grant



Thomas Marini, MD

University of Rochester Medical Center

A New Frontier in Neuroimaging: Testing
Ultrasound Tomography for Imaging of the Brain
RSNA Research Scholar Grant



Sarah Mohajeri, MD

University of Rochester Medical Center

Imaging Hypoxic Brain Injury in Cerebral Malaria:
Role in the Acute Phase of Disease, Death and
Long Term Sequela in Survivors
RSNA Research Scholar Grant



Arash Nazeri, MD

Mallinckrodt Institute of Radiology

Indirect and Direct Deuterium Displacement
Exchange Imaging for Probing Brain Fluid
Dynamics in Health and Disease
RSNA Research Scholar Grant



Christopher Newman, MD, PhD

Indiana University

Supplementation of Skeletal Survey with
Whole Body MRI for Fracture Detection in
Children with Suspected Physical Abuse
RSNA Research Scholar Grant



Austin R. Pantel, MD

University of Pennsylvania

¹⁸F FluorThanatrace PET/CT to Characterize
Malignancy and Guide Therapy
RSNA Research Scholar Grant



Katherine Reinshagen, MD

Massachusetts Eye & Ear

Characterizing Structural Connectivity in the
Central Auditory Pathway from Hidden Hearing Loss
RSNA Research Scholar Grant



Jaehoon Shin, MD, PhD

University of California, San Francisco

A Novel Strategy for Locoregional
engineered T cell Therapy

*Canon Medical Systems USA, Inc./
RSNA Research Scholar Grant*

Canon
CANON MEDICAL



Zaid Siddiqui, MD

Baylor College of Medicine

Deep Embeddings to Identify Early
Phenotype Changes in Brain Metastases
RSNA Research Scholar Grant



Susan Sotardi, MD

Children's Hospital of Philadelphia

Center for Diagnostic Imaging in Child Maltreatment:
Improving Fracture Detection Through Machine Learning
RSNA Research Scholar Grant

RESEARCH SEED GRANT

"I'm honored to receive the RSNA Research Seed Grant and deeply grateful to the donors whose generosity made this support possible. This funding enables a clinical trial that could transform procedural sedation, an area vital to patient safety yet long overlooked. By comparing ketamine/midazolam to fentanyl/midazolam, we aim to reduce opioid use, enhance comfort, and improve outcomes for the thousands of patients undergoing procedures each year. Even small improvements in sedation practices could benefit countless individuals nationwide. Beyond this study, the grant empowers us to ask meaningful clinical questions and pursue rigorous research that advances patient care. I'm truly thankful for the opportunity and for the donors who help bring these ideas to life."

— Amy Deipolyi, MD, PhD



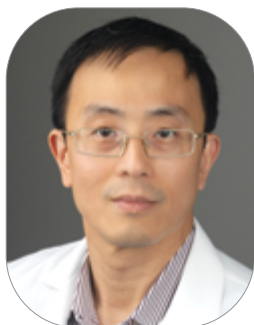


Michael Bergen, MD

Cleveland Clinic

Tumor Mutational Burden From Circulating Tumor DNA Integrated With Radiomics of Hepatocellular Carcinoma Predicts Response to Y-90 Radioembolization: An Emerging Biomarker Predictive of Imaging Response

Siemens Healthineers/RSNA Research Seed Grant



Yu-Ming Chang, MD, PhD

Beth Israel Deaconess Medical Center

Non-Invasive Quantification of Glymphatic Function in Patients With Stroke

RSNA Research Seed Grant



Johannes Hugo Decker, MD, PhD

Stanford University

Comparing FLEXA with Standard MR Angiography of the Neck

Strategic Radiology/RSNA Research Seed Grant



Amy Deipolyi, MD, PhD

West Virginia University, Charleston

Prospective Randomized Study of Ketamine/ Midazolam Deep Sedation vs. Fentanyl/ Midazolam Moderate Sedation for Image-Guided Percutaneous Lung Biopsy

RSNA Research Seed Grant



Hyun Soo Ko, MD

*University of Melbourne,
Peter MacCallum Cancer Centre*

Fully Automated CT Body Composition and Blood
Gene Expressed Transcriptional Response Factors as
Predictive Biomarkers for Cancer Cachexia in Patients
with Colorectal Cancer and Peritoneal Metastases

RSNA Research Seed Grant



Colin J. McCarthy, MD

Beth Israel Deaconess Medical Center

Examining the Role for Virtual and Augmented Reality
Anxiolysis During Image-Guided Procedures

Joan Eliasoph, MD/RSNA Research Seed Grant



Milica Medved, PhD

University of Chicago

Spatially Aware Physics-Informed Deep Learning
AI for Non-Contrast Enhanced Breast MRI

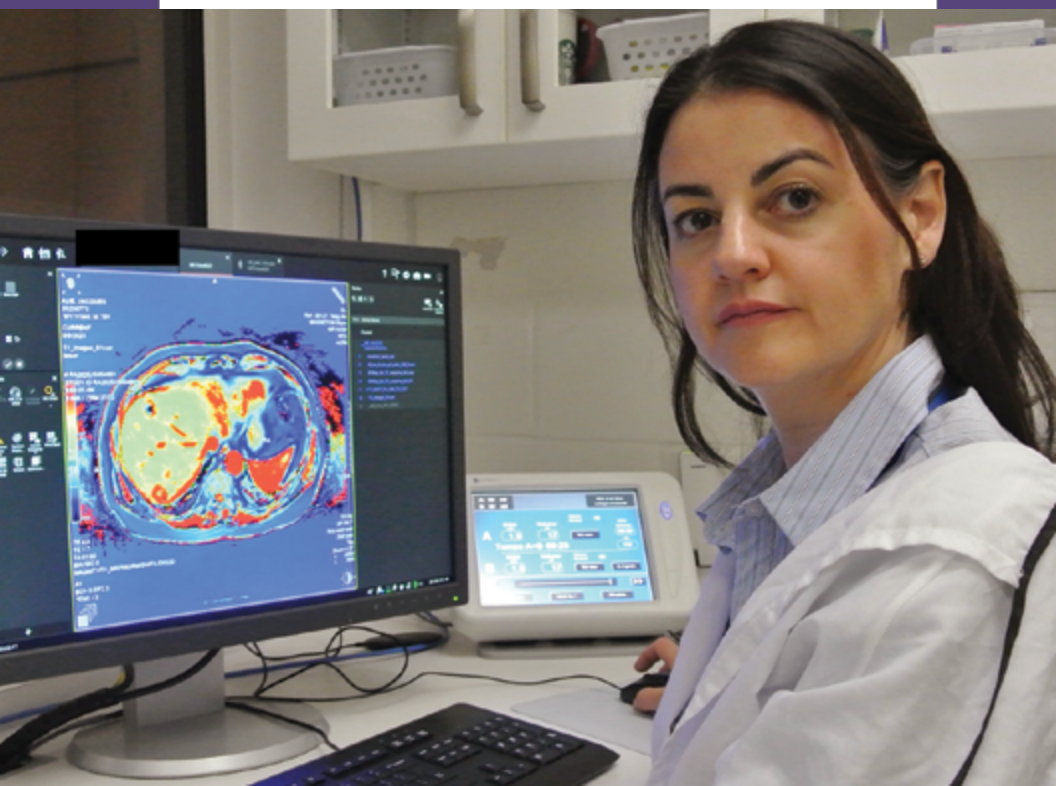
RSNA Research Seed Grant



RESEARCH RESIDENT/ FELLOW GRANT

"Receiving support from the R&E Foundation is a tremendous honor for me. Thanks to this funding, I will be able to explore the oxygen characteristics of liver tumors in order to improve current knowledge and optimize the treatments offered to patients. Ultimately, this will increase patient survival rates. A whole team is working with me on this topic, and we are highly motivated to find new treatment approaches based on tumor oxygenation."

– Audrey Fohlen, MD, PhD





Shariq Ali, MD, PhD

*University of Texas Southwestern
Medical Center*

**Ultrasound-Guided Antigen Delivery
for Cancer Immunotherapy**

RSNA Research Fellow Grant



Wali Badar, MD

University of Illinois at Chicago

**Noninvasive Molecular Stratification of
Hepatocellular Carcinoma (HCC) with
Imaging and Liquid Biopsy**

RSNA Research Fellow Grant



Lev Barinov, MD, PhD

University of Pennsylvania

**Radiomically Derived Features for Assessing
Preoperative Risk in Indeterminate Thyroid Nodules**

RSNA Research Resident Grant



Kevin Chen, MD

Washington University in St. Louis

**Radiotherapy-Induced Progression of Coronary Artery
Calcifications on Non-Contrast CT Scans**

RSNA Research Resident Grant





Jennifer Chiang, MD

Stanford University

Genomic and Imaging Biomarkers in Mycosis Fungoides: Evaluating Ethnic Disparities and Prognostic Significance Through Next Generation Sequencing and PET/CT

RSNA Research Resident Grant



Won Kyu (Paul) Choi, MD

Johns Hopkins University

Multiplexed Spatial Quantification of Potential Theranostic Targets in Prostate Cancer with Mass Spectrometry Imaging

RSNA Research Fellow Grant



Paul D'Cunha, MD

Emory University

Automated Segmentation and Radiomics Integration for Non-Invasive Genetic and Prognostic Prediction in Pediatric High-Grade Gliomas

RSNA Research Resident Grant



Siddhant Dogra, MD

New York University

Deep Learning-Based Synthesis of Standard Brain FDG-PET Reconstructions from Early Acquisition Data: A Pilot Study for Improved Clinical Workflow in Dementia Imaging

RSNA Research Resident Grant



Robert Warren Floyd, MD, PhD

University of Texas MD Anderson Cancer Center

Personalized Modeling of Tumor Treatment Response
via MRI Based Volumetric and Imaging Biomarkers To
Enable Dose Adapted Radiotherapy in
Oropharyngeal Cancer

RSNA Research Resident Grant



Audrey Fohlen, MD, PhD

Centre Hospitalier de l'université de Montréal

Dynamic Oxygen-Enhanced (OE) MRI to Predict
Treatment Response After Transarterial
Chemoembolization in Hepatocellular
Carcinoma Patients

RSNA Research Fellow Grant



Alexey Gurevich, MD

University of Pennsylvania

Characterization and Functional Assessment
of the Myeloid Immune Landscape within
Hepatocellular Carcinoma

Bracco Diagnostics Inc./RSNA Research Resident Grant



Eun Kyoung Hong, MD, PhD

Brigham & Women's Hospital

Radiologist-AI Interaction: Assessing the Impact
of Vision and Vision-Language AI Models on
Confidence and Automation Bias

RSNA Research Fellow Grant



Yin-Chen Hsu, MD

Cedars-Sinai Medical Center

CEST MR Imaging for Evaluation of Parenchymal pH and Tissue Properties in Alcoholic Pancreatitis

*Ralph Schlaeger Charitable Foundation/
RSNA Research Fellow Grant*



Karan Jani, MD

Mallinckrodt Institute of Radiology

Developing a CT-Based Clear-Cell Likelihood Score: An Explainable AI Approach with Transport-Based Morphometry

RSNA Research Resident Grant



Behnaz Khazai, MD

Massachusetts General Hospital

Multi-Parametric Quantitative MRI of Blood-Brain-Barrier Permeability to Water in Alzheimer's Disease Continuum; WEPCAST and DP-ASL

RSNA Research Fellow Grant



Ariel S. Kniss, MD, PhD

Massachusetts General Hospital

MRI-Based Deep Learning to Predict Upgrade Risk of Ductal Carcinoma in Situ

RSNA Research Fellow Grant



Jorge Arturo Larco, MD

*University of Texas Southwestern
Medical Center*

Exploring the Hyperdirect Pathway in Parkinson's
Disease: Insights from Tractography and
Intraoperative Electrophysiology

RSNA Presidents Circle Research Resident Grant



John Mayfield, MD, PhD

Massachusetts General Hospital

Foundation and Temporospatial Deep Learning
Methods for Cognitive Impairment Prediction in
Mild Traumatic Brain Injury

RSNA Research Fellow Grant



David Nam, MD

University of California, San Diego

Refining and Testing Automated Software to
Enhance Treatment Response Assessment by
MRI of Primary Liver Cancer After Transarterial
Radioembolization

RSNA Research Resident Grant



Shane Neibart, MD

Massachusetts General Hospital

Eye-Tracking as a Rapid and Accurate Adjunct for
Assessing Neurocognitive Function in Patients
Receiving Cranial Radiation Therapy

RSNA Research Resident Grant



Ifeanyichukwu Ogbuiri, MD

University of Miami

Unraveling Br₁₃-Mediated Radiation
Resistance in Glioblastoma: A Path Towards
Therapeutic Innovation

RSNA Research Resident Grant



Farzaneh Rahmani, MD

Mallinckrodt Institute of Radiology

Integration of Head CT Quantified Adiposity
and Sarcopenia with Machine Learning for
Opportunistic Screening of Alzheimer Disease

RSNA Research Resident Grant



Zubir Rentiya, MD

Cleveland Clinic

Correlation of Radiomic Features With
HPV ctDNA in Oropharyngeal Cancers

RSNA Research Resident Grant



Michael Francis Romano, MD, PhD

University of California, San Francisco

Predicting Anti-Amyloid Monoclonal Antibody
Response in Alzheimer's Disease Using Diffusion MRI

Prince/RSNA Research Resident Grant



Jeffrey Shogan, DO

UPMC Hillman Cancer Center

Tongue-Out Radiation Therapy (TORT) for the Mitigation of Radiotherapy-Related Toxicities in Patients With Head and Neck Cancer

RSNA Research Resident Grant



Vladislav Olegovich Sviderskiy, MD, PhD

Washington University in St. Louis

Overcoming Resistance to PARP Inhibitors in BRCA-Mutated Tumors with Auger-Emitting PARP1 Radioligand77 / Br WC-DZ-Br

RSNA Research Resident Grant



Mateus de Oliveira Taveira, MD, PhD

Memorial Sloan Kettering Cancer Center

AI-Driven PET/CT Imaging Biomarkers for Evaluation of Skeletal Muscle and Fat Glucose Metabolism in Patients with Metastatic Breast Cancer on PI3K Inhibitors

RSNA Research Resident Grant

RESEARCH MEDICAL STUDENT GRANT

"I am so grateful for the donors who made the Medical Student Grant possible. As a result of this award, I will be able to pursue my research interests at the intersection of artificial intelligence and radiology, honing both technical and professional skills that will be essential to my career as a future physician. The funding has given me a wonderful opportunity to pursue academic radiology as a medical student and explore critical questions that will be important in the future of radiology."

– Suraj Zaveri





Hector Acosta Rodriguez

Yale University

The Impact of Chronic Environmental Stressors
on Childhood Brain and Cognition

RSNA Research Medical Student Grant



Preetham Bachina

*Johns Hopkins University
(research performed at St. Jude
Children's Research Hospital)*

Generating Fairness: Synthetic Chest X-Ray Generation
with Diffusion Models to Improve AI Fairness

RSNA Research Medical Student Grant



Jaret Barr

Emory University

Coronary Artery Calcium Burden in Cancer Patients

RSNA Research Medical Student Grant

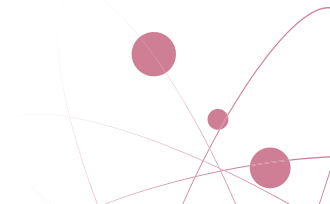


Lulu Bi

The Warren Alpert Medical School of Brown University

Per-Voxel Quantitative ADC Mapping of Core Infarction
Following Mechanical Thrombectomy as a Measure of
Infarct Depth

RSNA Research Medical Student Grant





Jay Chandra

Massachusetts General Hospital

Opportunistic Screening for Cardiovascular Risk Using Chest X-Rays and Deep Learning: Associations with Coronary Artery Disease in the Project Baseline Health Study and Mass General Brigham Biobank

RSNA Research Medical Student Grant



Josephine Du

University of California, Davis

Impact of Socio-Demographic Factors on Cardiac MRI: Diagnosis and Management at a Single Institution

RSNA Research Medical Student Grant



Michael Fei

*Creighton University in Phoenix
(research performed at Massachusetts General Hospital)*

AI with a Gut Feeling: Developing a Deep Learning Neural Networks in Detecting Gastrointestinal Extravasation Injuries

RSNA Research Medical Student Grant



Daniel Fu

Yale University

A Longitudinal Deep-Learning Model for Predicting Radiation Pneumonitis in Patients Receiving Radiation Therapy for Early-Stage Non-Small Cell Lung Cancer

GE HealthCare/

RSNA Research Medical Student Grant



GE HealthCare



Sofiya Ghazaryan

University of California, Davis

Investigation of Atrial Function in Patients with Severe Aortic Stenosis Utilizing Tissue Tracking in Cardiac CT with Machine Learning Analysis

RSNA Research Medical Student Grant



Batis Golestany

*University of California, Riverside
(research performed at University of California, Los Angeles)*

Thyroid Nodule Rupture after Radiofrequency Ablation: Demographic Factors, Nodule Characteristics, and Technical Considerations Underlying this Poorly Understood Complication

RSNA Research Medical Student Grant



Alena Hornak

Boston Children's Hospital

Evaluating Motion Correction Strategies for fMRI Resting State Networks in Pediatric Epilepsy

RSNA Research Medical Student Grant



Brandon Hubbard

Yale University

Use of ^{18}F -fluoro-2-D-Deoxyglucose and PET/CT for Detection of Subclinical Insulin Resistance

RSNA Research Medical Student Grant



Kyler Hwa

The Warren Alpert Medical School of Brown University

Integration of Deep-Learning AI Models in the Early Diagnosis of Alzheimer's Disease

RSNA Research Medical Student Grant



Tauqeer Iftikhar

University of Saskatchewan

Latent Diffusion Models to Minimize Iodine-Based Contrast Media in CT Angiography

RSNA Research Medical Student Grant



Rachel Ivy

*University of Tennessee Health Science Center
(research performed at St. Jude Children's
Research Hospital)*

Ensuring Fairness at Scale: Uncovering & Mitigating Bias in Foundational Models for Radiology AI

RSNA Research Medical Student Grant



Kameel Khabaz

University of California, Los Angeles

Multimodal Deep Learning Approach Integrating MRI Imaging and Clinical Data for Predicting Local Recurrence in Upper Extremity Soft Tissue Sarcoma

RSNA Research Medical Student Grant



Vladimir Kirichenko

Allegheny-Singer Research Institute

Image Analysis in Correlation with Explant Pathology for Hepatocellular Carcinoma Treated With SBRT As a Bridge to Liver Transplantation on a Hybrid MRI-LINAC. Retrospective Study

RSNA Research Medical Student Grant



Igor Mario Kitanovski

Dartmouth College

Sarcopenia: Diagnosis and Surveillance Amid Rising GLP-1 Agonist Use

RSNA Research Medical Student Grant



Emily Knott

Cleveland Clinic

AI-Assisted Prostate Cancer Detection for Multiparametric MRI: A Prospective Study

Bayer HealthCare/

RSNA Research Medical Student Grant



Alexa Lavergne

Duke University

Augmenting Patient Selection for Lung Transplantation with CT-Based Body Composition to Address Potential Health Disparities from Current Use of Strict BMI Cutoffs

RSNA Research Medical Student Grant



Stephanie Ntim

University of North Carolina at Chapel Hill

Assessment of Scalp Hematomas in Blunt Trauma Head CT as Predictors of Intracranial Hemorrhage and Traumatic Brain Injury

RSNA Research Medical Student Grant



Alex Prusky

Thomas Jefferson University

Elucidating Freezing of Gait in Parkinson's Disease Using Simultaneous Brain-Spinal Cord Resting-State fMRI

RSNA Research Medical Student Grant



Alfonso Roque

The Warren Alpert Medical School of Brown University

AI Driven Analysis of Nigrostriatal Imaging Traits in Drug Induced Parkinsonism

RSNA Research Medical Student Grant



Elizabeth Song

The Warren Alpert Medical School of Brown University

Communication Preferences for Screening Mammography AI Results in the Patient Portal: Informing Best Practices for Patient Experience and Engagement

RSNA Research Medical Student Grant



Jason Timmerman

Temple University

Five-Year Trends in Neck Abscesses Among Intravenous Drug Abuse (IVDA) Patients: A Retrospective Chart Review

RSNA Research Medical Student Grant



Kareem Wahid, PhD

University of Texas MD Anderson Cancer Center (research performed at University of Texas Health Science Center at Houston)

Evaluating The Impact of Facial Deidentification on Head and Neck Cancer Radiotherapy Imaging Workflows: Implications for Segmentation and Dosimetric Planning

RSNA Research Medical Student Grant



Michelle Wang

University of California, Davis

The Influence of Music Intervention on Heart Rate Reduction During Coronary CT Angiograms

RSNA Research Medical Student Grant



Christopher Zaki, MD

Huntington Hospital (research performed at University of California, Los Angeles)

Building and Evaluating VR/MR Systems for Radiology Education and Training: A Feasibility Study

RSNA Research Medical Student Grant



Suraj Zaveri

Duke University

Deep Learning Segmentation-Based Bone Removal from CTA to Improve Vertebral Artery Dissection Detection

RSNA Research Medical Student Grant

EMERGING ISSUES GRANT

"This grant supports my work uniting advanced MRI techniques with sustainable health care creating faster, more energy-efficient and cost-effective scans while maintaining the accuracy clinicians rely on. It allows me to expand my research on meeting rising imaging demands while reducing environmental impact and strengthens my path toward leadership in value-driven, eco-conscious radiology. I am grateful to the R&E Foundation, my great mentor Dr. Huang, and collaborators at Massachusetts General Hospital for making this possible."

— Azadeh Tabari, MD





EMERGING ISSUES TOPIC: Addressing the Radiologist Workforce Shortage: Maintaining Quality, Safety and Service Standards While Ensuring a Sustainable Radiology Workforce

Ali Nowroozi, MD, PhD

Zuckerberg San Francisco General Hospital

Addressing Lung Cancer Screening Workforce Challenges Through the Implementation of Risk Based Triaging: A Tertiary Safety Net Hospital Experience

EMERGING ISSUES TOPIC: Advancing AI-Driving Innovations Through Multimodal Data Integration as Applied to Radiology Screening Exams or to Incidental Findings on Exams Performed for Other Reasons



Manisha Bahl, MD

Massachusetts General Hospital

Enhancing Breast Cancer Screening with Ontology-Driven Multimodal AI



Robert D. Boutin, MD

Stanford University

From Images to Insights: Leveraging AI-Driven CT Analysis to Improve Diagnosis and Management of Life-Altering Diseases



Deborah J. Rubens, MD

University of Rochester Medical Center

New System for Rapid and Automatic Screening of Metabolic Associated Fatty Liver Disease Without a Radiologist or a Sonographer

GE HealthCare/RSNA Emerging Issues Grant



GE HealthCare



Lina Karout, MD

Massachusetts General Hospital

Introducing Same Day - Same Hour Imaging and Interpretation as the Climate Happy Hour



Katie Lichter, MD

Dartmouth College

Sustainable Transformation in Breast Imaging and Radiology (SUSTAIN)



Michael Markl, PhD

Northwestern University

Development of a Sequence-Specific MRI Energy Consumption Prediction Mode



Azadeh Tabari, MD

Massachusetts General Hospital

Creating a Greener Outpatient MRI Facility: Enhancing Sustainability and Energy Efficiency through Fast Imaging Techniques and Workflow Optimization



Michael E. Zalis, MD, FACR

Massachusetts General Hospital

Mitigating Breast Imaging Scope 3 Emissions Through AI for Intelligent Supply Chain Management

EDUCATION GRANTS

“Your generous support is helping us establish the first stroke mechanical thrombectomy service and training program in Tanzania—laying the foundation for a regional hub for stroke care across East Africa. By building local capacity and reducing stroke related morbidity and mortality, this initiative holds the potential to transform countless lives. Thank you for believing in our mission and its power to elevate patient care where it’s needed most.”

— Martin Mutonga, MD

Martin Mutonga, MD and Fabian Laage Gaupp, MD





Derek Harwood-Nash International Education Scholar Grant

Martin Mutonga, MD

Yale University

Introducing Cerebral Mechanical Thrombectomy for Acute Stroke Treatment in Tanzania Using a Proven Global Health Interventional Radiology Training Model



RSNA/AAR/APDR/SCARD Radiology Education Research Development Grant

Brittany Dashevsky, MD, DPhil

Stanford University

Cancer Enriched Screening Mammography and DBT Training Module within a Simulated Pacs Environment



Education Project Award

May Na-Yuan Tsao, MD

University of Toronto

Development of a Novel Multidisciplinary Physics Study Guide for Radiation Oncology Residents

ROENTGEN AWARD

“Honored to receive the Roentgen Award for our work on active surveillance in prostate cancer. Grateful to my mentors and collaborators for their support in advancing patient-centered, evidence-based care.”

— Ruben del Castillo, MD

Ruben del Castillo, MD,
Sunnybrook Health Sciences Centre



Hazim S. Ababneh, MD
Massachusetts General Hospital

Syed Abidi, MD
University of Saskatchewan

Farris Abou-Hanna, MD
University of Iowa Health Care

Jason Adleberg, MD
Icahn School of Medicine at Mount Sinai

Mohamed Tarek Seleem Ahmed, MD
University of Kentucky

Heba Raid Hussein Al Qudah, MD
University of Texas MD Anderson Cancer Center

Shariq Ali, MD, PhD
University of Texas Southwestern Medical Center

Leen Alkukuhn, MD
Cleveland Clinic

Zachary L. Angel, MD
MedStar Health, Georgetown University

Khaled Aziz, MD, PhD
Johns Hopkins University

Suryansh Bajaj, MD
University of Arkansas for Medical Sciences

Latika Baranga, MBBS
SUNY Downstate Health Sciences University

Justin M. Barnes, MD
Washington University in St. Louis

Evan Basha, DO
Rochester General Hospital

Elham Beheshtian, MD
University of Maryland Medical Center

Helena Bentley, MD, PhD
University of British Columbia

Luke Bonham, MD
University of California, San Francisco

Christine Boone, MD, PhD
University of California, San Diego

Michael Burcescu, MD
Children's Healthcare of Atlanta

Christian A. Burgos-Sanchez, MD
Madigan Army Medical Center

Jose Miguel Callueng, MD
BC Cancer Kelowna

Louis Capelli, DO
Thomas Jefferson University

Ruben del Castillo, MD
Sunnybrook Health Sciences Centre

John Federico Di Capua Jr., MD, MHS
Massachusetts General Hospital

Gabriela Cepeda De Jesus, MD
Yale New Haven Hospital

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